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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'fchdir.3p' command

\$ man fchdir.3p

FCHDIR(3P) POSIX Programmer's Manual FCHDIR(3P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

fchdir ? change working directory

SYNOPSIS

```
#include <unistd.h>

int fchdir(int fildes);
```

DESCRIPTION

The fchdir() function shall be equivalent to chdir() except that the directory that is to be the new current working directory is specified by the file descriptor fildes.

A conforming application can obtain a file descriptor for a file of type directory using open(), provided that the file status flags and access modes do not contain O_WRONLY or O_RDWR.

RETURN VALUE

Upon successful completion, fchdir() shall return 0. Otherwise, it shall return -1 and set errno to indicate the error. On failure the current working directory shall remain unchanged.

ERRORS

The `fchdir()` function shall fail if:

EACCES Search permission is denied for the directory referenced by `files`.

EBADF The `files` argument is not an open file descriptor.

ENOTDIR

The open file descriptor `files` does not refer to a directory.

The `fchdir()` may fail if:

EINTR A signal was caught during the execution of `fchdir()`.

EIO An I/O error occurred while reading from or writing to the file system.

The following sections are informative.

EXAMPLES

None.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

`chdir()`, `dirfd()`

The Base Definitions volume of POSIX.1-2017, `<unistd.h>`

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